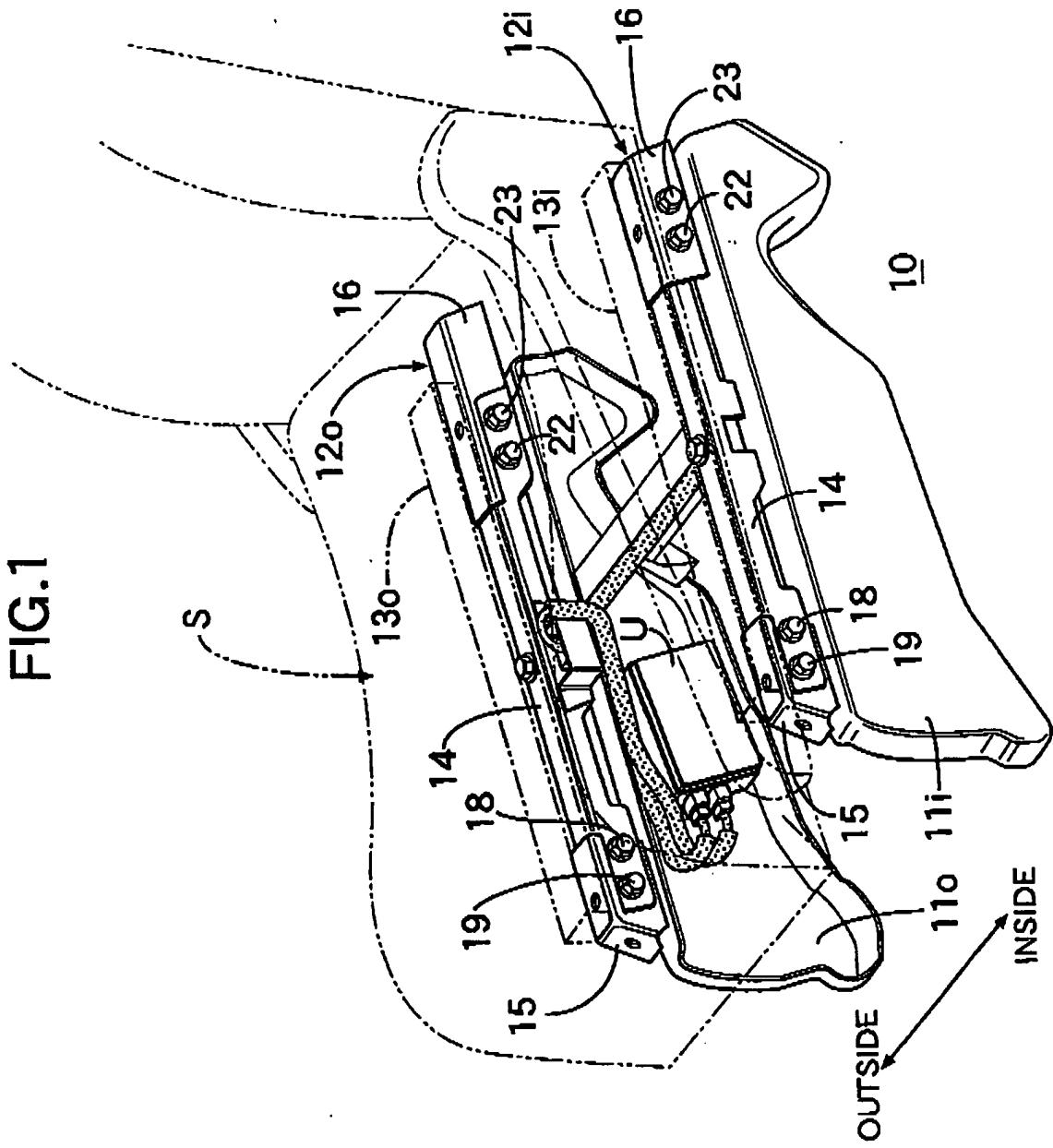


FIG.1



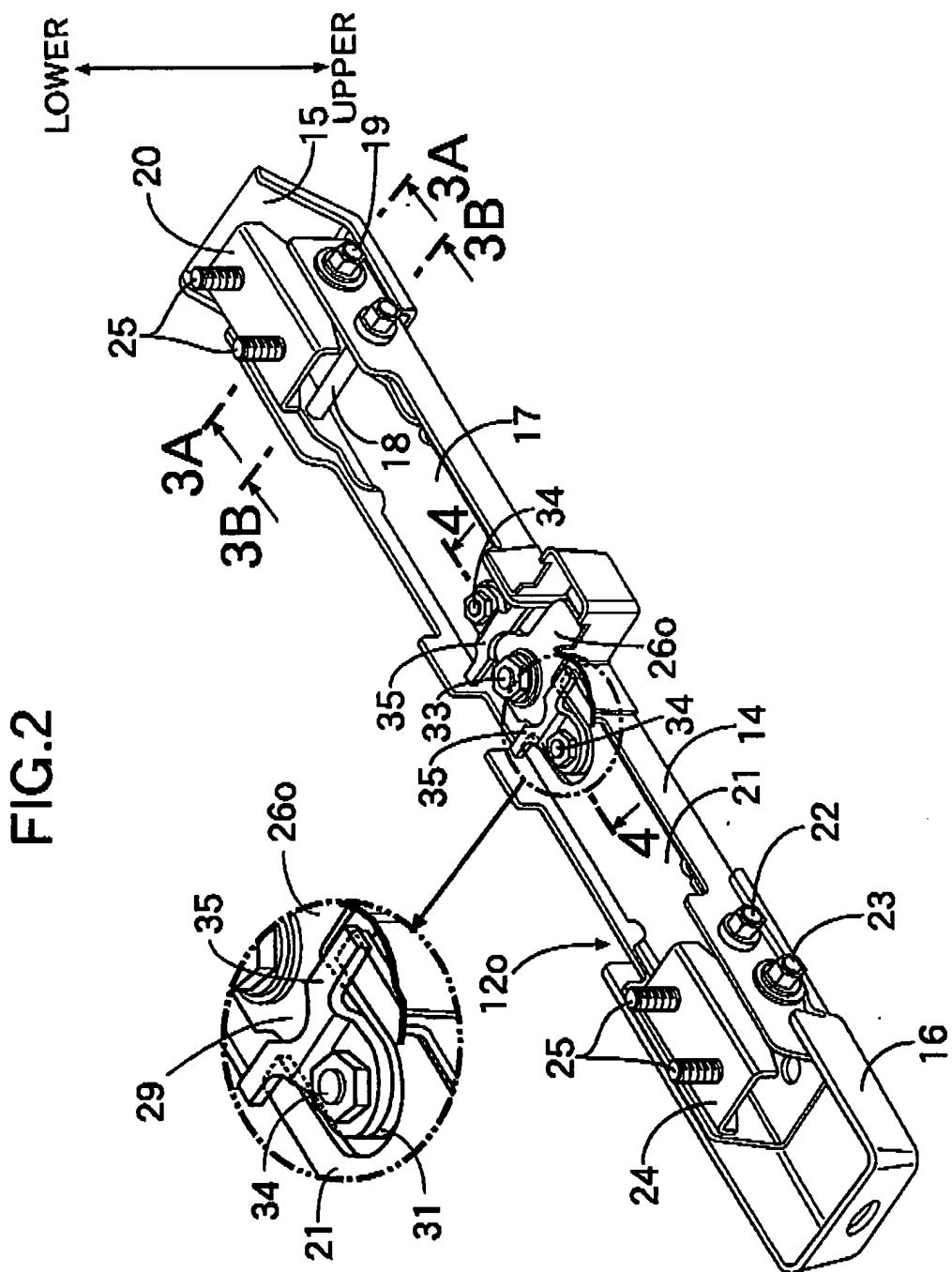


FIG.3A

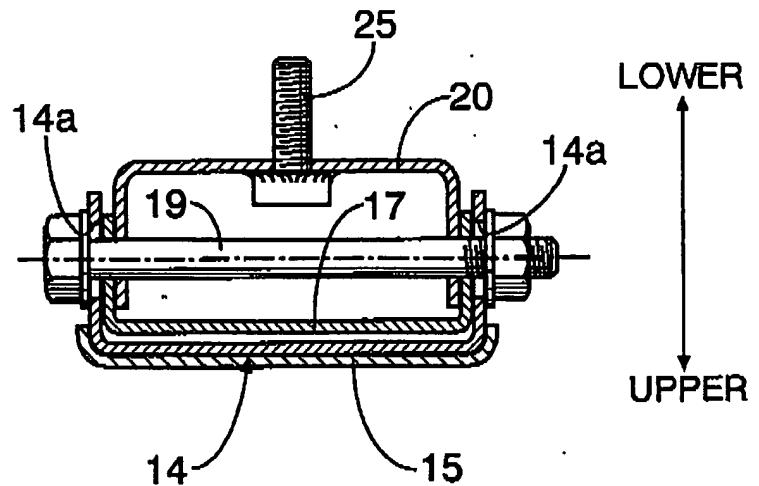


FIG.3B

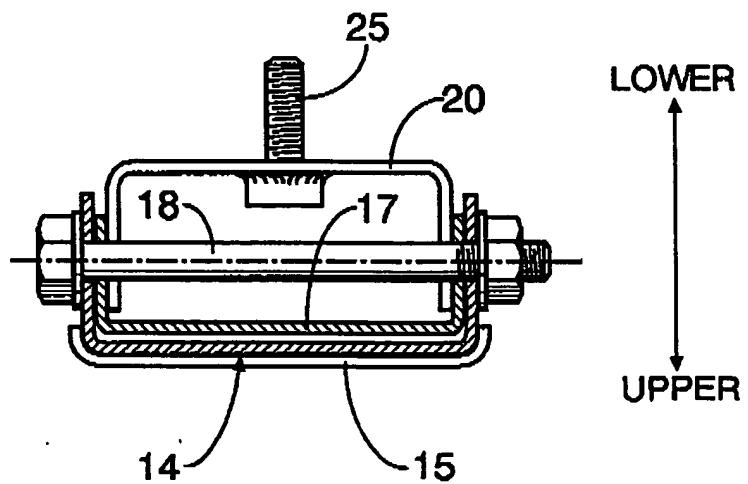


FIG.4

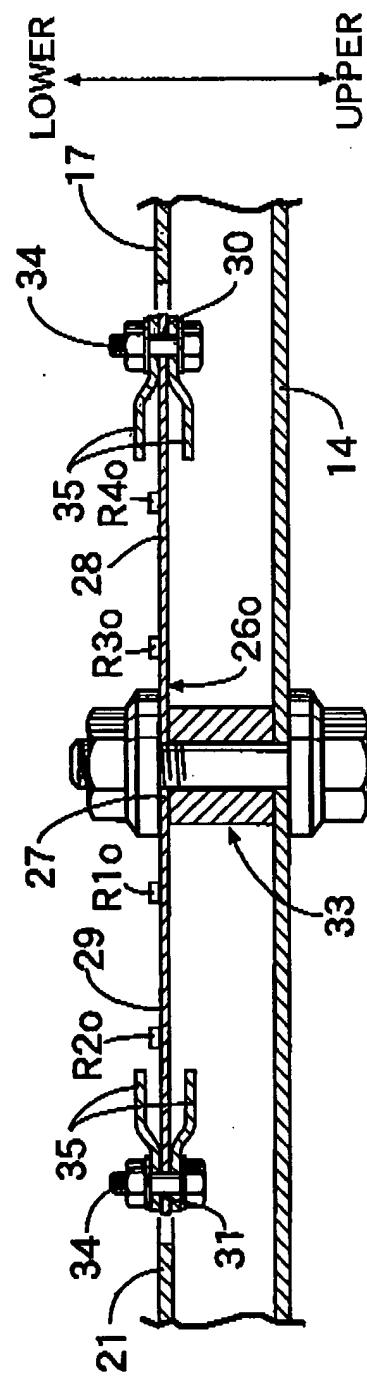


FIG.5

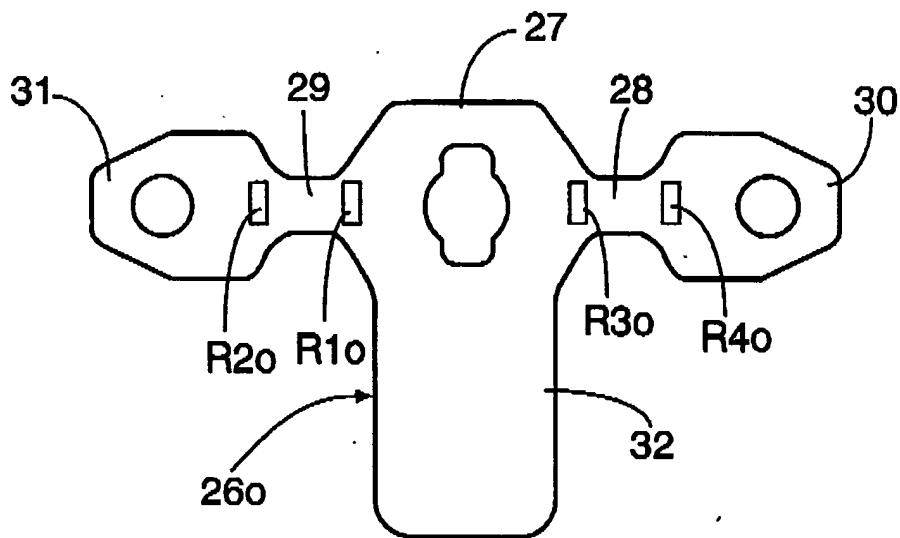


FIG.6

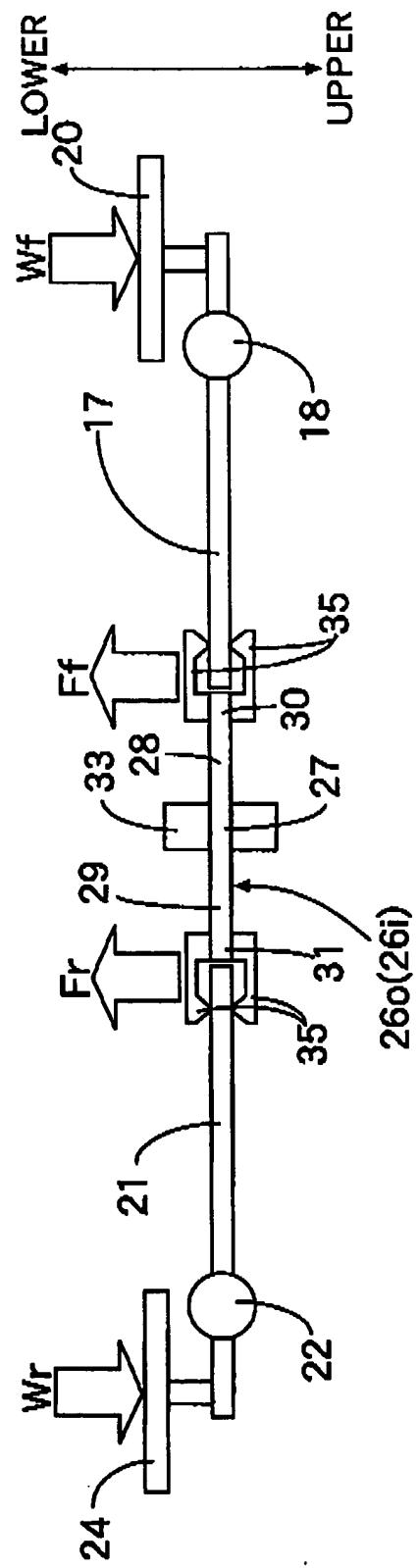


FIG.7A

OUTER WEIGHT- DETECTING UNIT

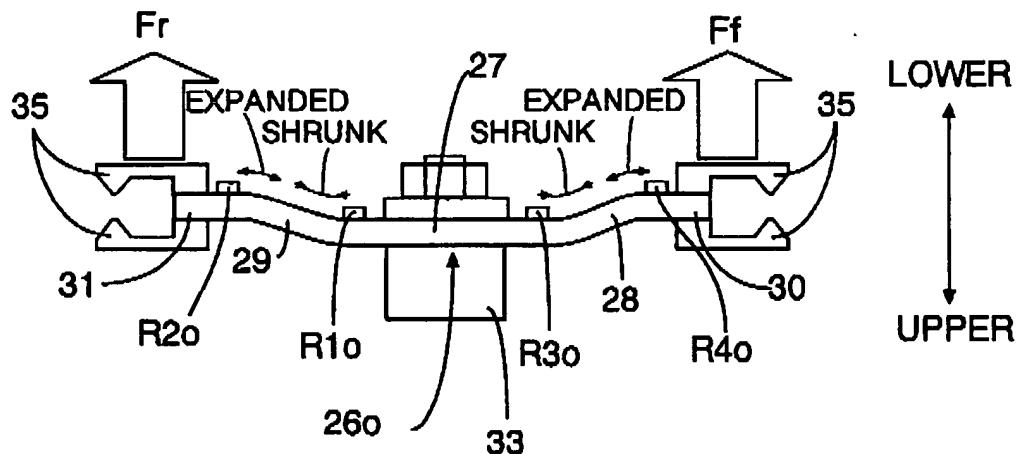


FIG.7B

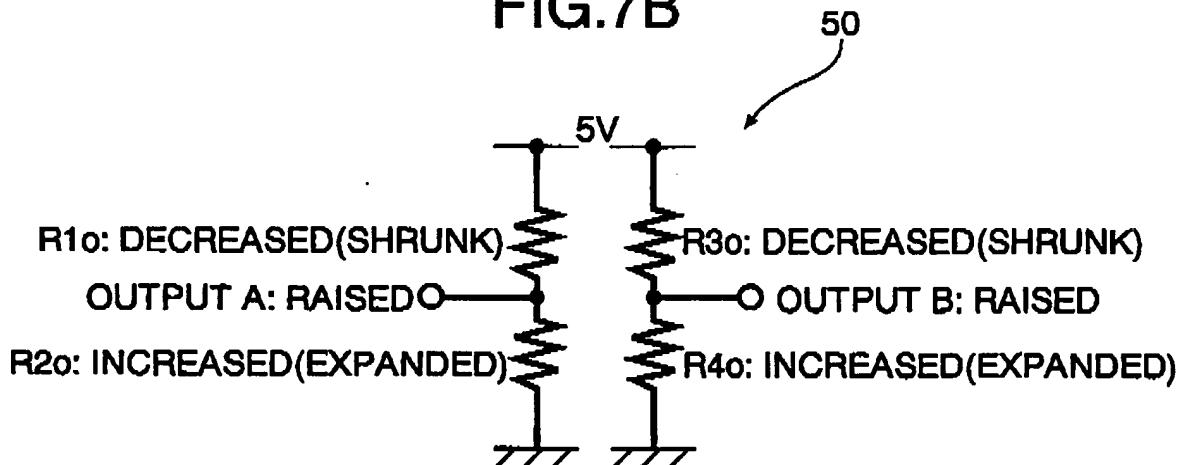


FIG.8A

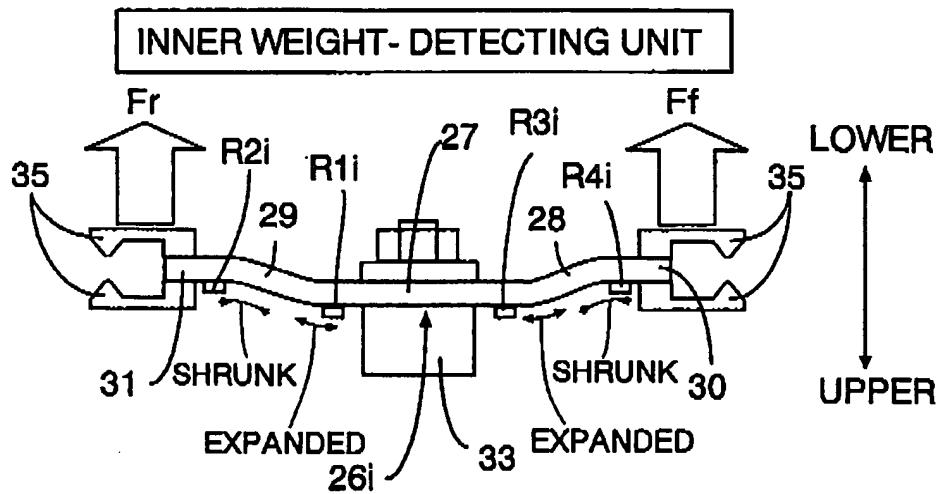


FIG.8B

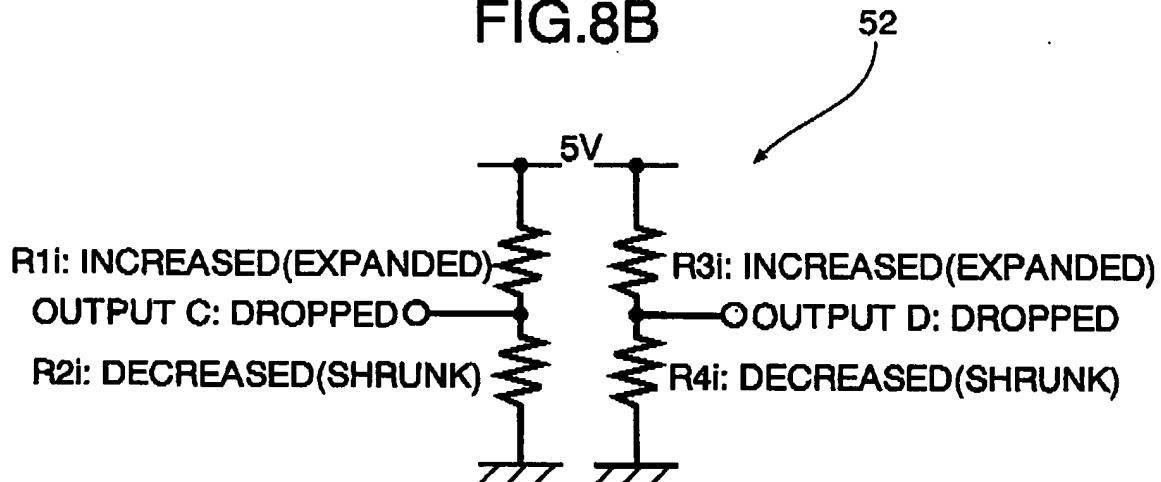


FIG.9

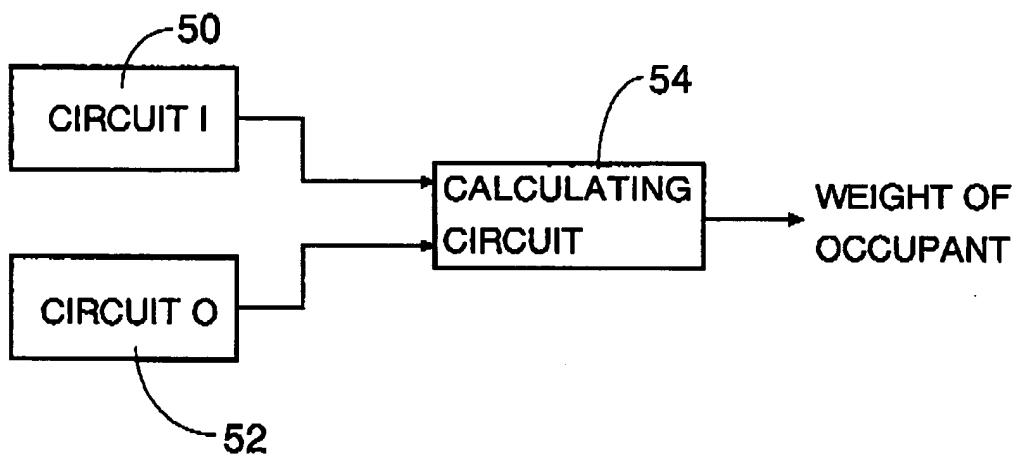


FIG.10A

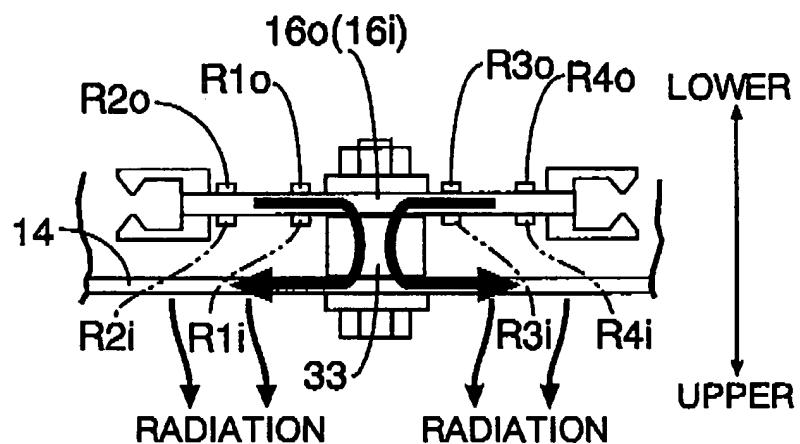


FIG.10B

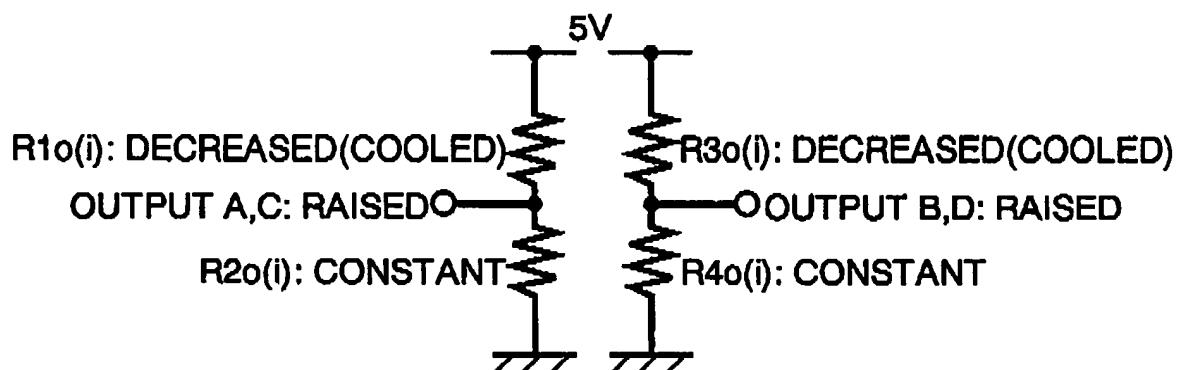


FIG.11

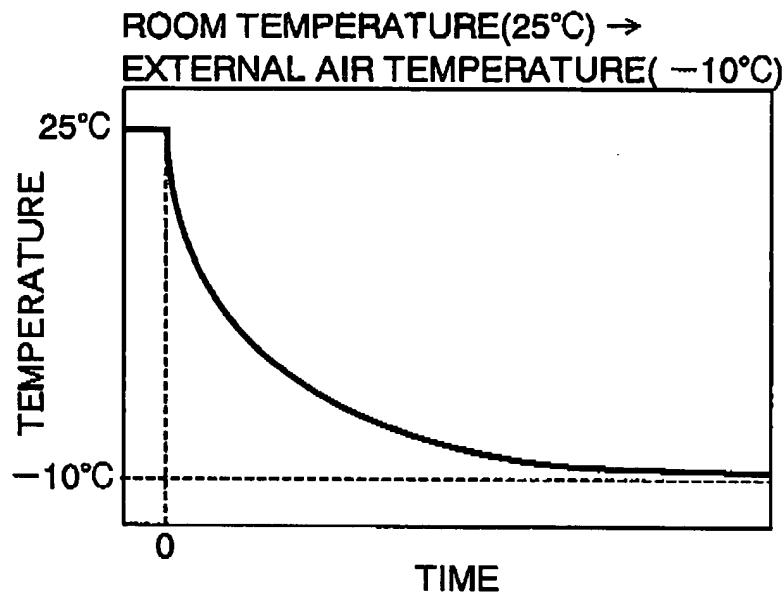


FIG.12

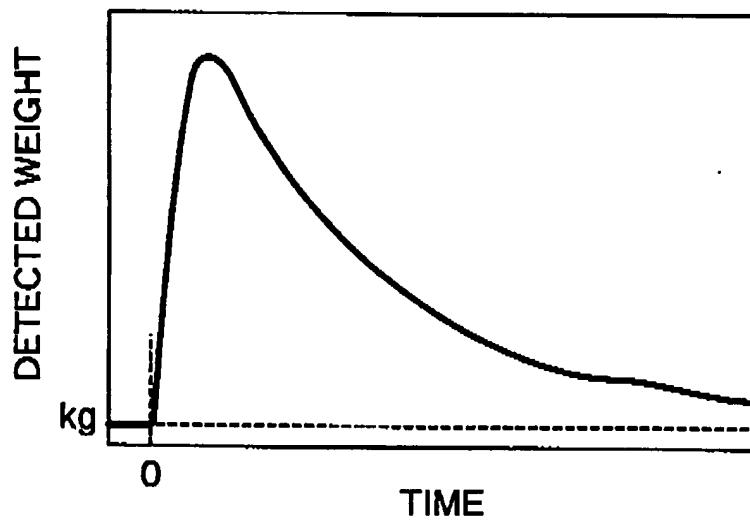


FIG13A

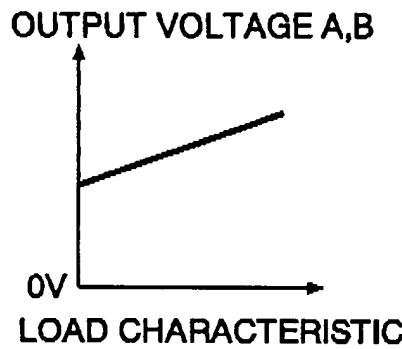


FIG13B

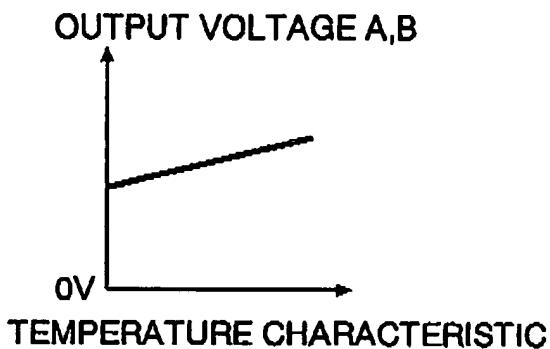


FIG14A

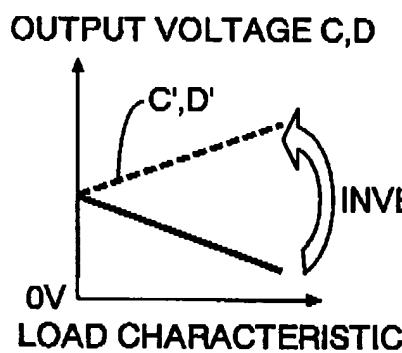


FIG14B

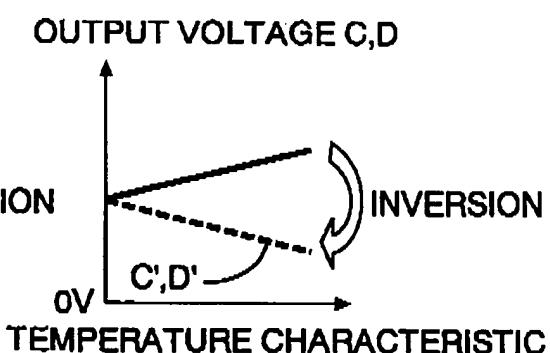


FIG15A

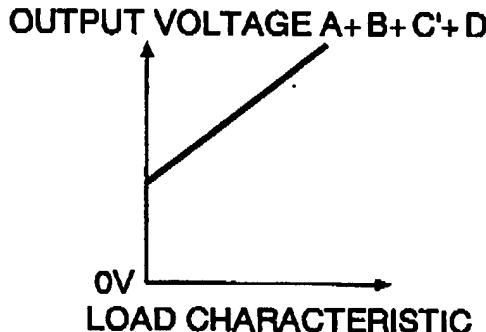
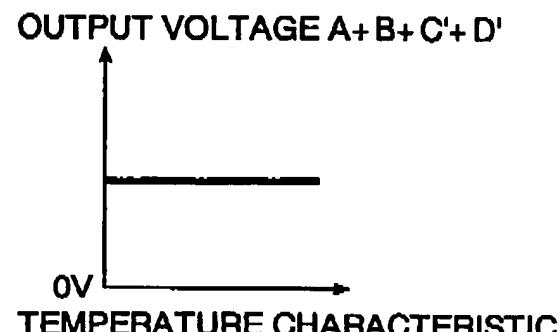


FIG15B



LOAD CHARACTERISTICS ARE EQUIVALENT TO THOSE WHEN STRAIN RESISTORS ARE MOUNTED ON LOWER SURFACE

TEMPERATURE CHARACTERISTIC ARE COUNTERVAILED